

CRF Processing Date: 3/18/2003
Edited by: AN
Verified by: AN (STIC staff)

Serial Number: 09/757,309A

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seqs. 15 and 16 - inserted hard returns

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



1600

RAW SEQUENCE LISTING

DATE: 03/18/2003

PATENT APPLICATION: US/09/757,309A

TIME: 14:10:16

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03182003\I757309A.raw

```

4 <110> APPLICANT: Brent, Roger
5      Xu, C. Wilson
6      Mendelsohn, Andrew E.
7      Lee, Walter L.
8 <120> TITLE OF INVENTION: DETECTION SYSTEMS FOR REGISTERING
9      PROTEIN INTERACTIONS AND FUNCTIONAL RELATIONSHIPS
10 <130> FILE REFERENCE: 00756/317003
11 <140> CURRENT APPLICATION NUMBER: US 09/757,309A
12 <141> CURRENT FILING DATE: 2001-01-09
13 <150> PRIOR APPLICATION NUMBER: US 09/189,653
14 <151> PRIOR FILING DATE: 1998-11-10
15 <160> PRIOR APPLICATION NUMBER: 60/065,273
16 <161> PRIOR FILING DATE: 1997-11-10
17 <162> NUMBER OF SEQ ID NOS: 17
18 <170> SOFTWARE: FastSeq for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 14
21 <212> TYPE: DNA
22 <213> ORGANISM: Saccharomyces cerevisiae
23 <400> SEQUENCE: 1
24 gctcggggggg agcg                                     14
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 41
27 <212> TYPE: DNA
28 <213> ORGANISM: Saccharomyces cerevisiae
29 <400> SEQUENCE: 2
30 aaaggagaaa gggggcgtt agttttgtgtg gccgcattt c      41
31 <210> SEQ ID NO: 3
32 <211> LENGTH: 32
33 <212> TYPE: DNA
34 <213> ORGANISM: Saccharomyces cerevisiae
35 <400> SEQUENCE: 3
36 cggcattttt tcgaaagcta catataagga ac              32
37 <210> SEQ ID NO: 4
38 <211> LENGTH: 56
39 <212> TYPE: DNA
40 <213> ORGANISM: Escherichia coli
41 <400> SEQUENCE: 4
42 tggagcaactc cctatcagtg atagagaaaa cactccctat cagtgataga gaaaag  56
43 <210> SEQ ID NO: 5
44 <211> LENGTH: 56
45 <212> TYPE: DNA
46 <213> ORGANISM: Escherichia coli

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65 <400> SEQUENCE: 5
66 cgtgagggat aacacatac ttttttgga gggatagtc aatatcttt tcagct 56
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 14
69 <212> TYPE: DNA
70 <213> ORGANISM: Saccharomyces cerevisiae
71 <400> SEQUENCE: 6
72 gggaggga ccc 14
73 <210> SEQ ID NO: 7
74 <211> LENGTH: 10
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 7
78 dcccgaattc atcagggaat ataagctgg 29
79 <210> SEQ ID NO: 8
80 <211> LENGTH: 10
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 8
84 cccgaactcg agcaggaga gcactgcctt gcagc 35
85 <210> SEQ ID NO: 9
86 <211> LENGTH: 14
87 <212> TYPE: DNA
88 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 9
90 ggcctcaattc aagcaggaa ctggt 25
91 <210> SEQ ID NO: 10
92 <211> LENGTH: 13
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 10
96 cccgaactcg agcattcgtg gttctatttc tag 33
97 <210> SEQ ID NO: 11
98 <211> LENGTH: 19
99 <212> TYPE: DNA
100 <213> ORGANISM: Saccharomyces cerevisiae
101 <400> SEQUENCE: 11
102 ggcctcaattc atgcttcgg tctctcag 29
103 <210> SEQ ID NO: 12
104 <211> LENGTH: 15
105 <212> TYPE: DNA
106 <213> ORGANISM: Saccharomyces cerevisiae
107 <400> SEQUENCE: 12
108 cccgaactcg agtatcgaa ataacctaga agg 33
109 <210> SEQ ID NO: 13
110 <211> LENGTH: 11
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 13

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130 gccctgaattc atusaggggt ggtatcaagg a 31
131 <210> SEQ ID NO: 14
132 <211> LENGTH: 35
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 14
136 gccgaactcg agctacttga catcattggt ttttg 35
137 <210> SEQ ID NO: 15
138 <211> LENGTH: 20
139 <212> TYPE: PRT
140 <213> ORGANISM: Homo sapiens
141 <400> SEQUENCE: 15
142 Asp Met Asp Trp Phe Phe Arg Phe Tyr Ala Ser Val Ser Arg Leu Phe
143 1 5 10 15
144 Arg His Leu His
145 20
146 <210> SEQ ID NO: 16
147 <211> LENGTH: 20
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 16
151 Phe Trp Gln Ala Thr Leu Arg Leu Val Ser Asp Lys Leu Ile Leu Leu
152 1 5 10 15
153 Tyr Pro Asp Pro
154 20
155 <210> SEQ ID NO: 17
156 <211> LENGTH: 16
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 17
160 ctatggccct agcatg 16

```

VERIFICATION SUMMARY

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